

- 7 [c.] d. modifying the speech recognition system according to the sample thereby forming
8 a speaker-specific modified speech recognition system;
9 [d.] e. storing a representation of the speaker-specific modified speech recognition
10 system in association with [an] the identification of the speaker; and
11 [e.] f. using the representation of the speaker-specific modified speech recognition
12 system to recognize speech during a subsequent remote session with the speaker.
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1 4. (Amended) The method according to claim 1 wherein the step of modifying the speech
2 recognition system comprises a step of modifying an acoustic model thereby forming a speaker-
3 specific modified acoustic model and wherein the step of storing a representation of the speaker-
4 specific modified speech recognition system comprises a step of storing a representation of the
5 modified acoustic model.

1 5. (Amended) The method according to claim 4 wherein the representation of the
2 speaker-specific modified acoustic model is a set of statistics which can be utilized to modify a
3 pre-existing acoustic model.

1 6. (Amended) The method according to claim 4 wherein the representation of the
2 speaker-specific modified acoustic model is a set of statistics which can be utilized to modify
3 incoming acoustic speech.

1 7. (Amended) The method according to claim 1 further comprising a step of utilizing the
2 speaker-specific modified speech recognition system during the first remote session with the
3 speaker.

1 11. (Deleted)

1 12. (Amended) The method according to claim [11] 1 further comprising a step of
2 authenticating the speaker's identification by the speaker's speech.

1 17. (Amended) A method of adapting a speech recognition system, wherein the method

comprises steps of:

- a. obtaining an identification of a cluster of speakers;
[a.] b. obtaining a sample of a speaker's speech during a first remote session;
[b.] c. recognizing the speaker's speech utilizing the speech recognition system during the first remote session;
[c.] d. modifying the speech recognition system according to the sample thereby forming a cluster-specific modified speech recognition system;
[d.] e. storing a representation of the cluster-specific modified speech recognition system in association with [an] the identification of a cluster of speakers wherein the speaker is a member of the cluster; and
[e.] f. using the representation of the cluster-specific modified speech recognition system to recognize speech during a subsequent remote session with a member of the cluster of speakers.

20. (Amended) The method according to claim 17 wherein the step of modifying the speech recognition system comprises a step of modifying an acoustic model thereby forming a cluster-specific modified acoustic model and wherein the step of storing a representation of the cluster-specific modified speech recognition system comprises a step of storing a representation of the cluster-specific modified acoustic model.

21. (Amended) The method according to claim 20 wherein the representation of the cluster-specific modified acoustic model is a set of statistics which can be utilized to modify a pre-existing acoustic model.

22. (Amended) The method according to claim 20 wherein the representation of the cluster-specific modified acoustic model is a set of statistics which can be utilized to modify incoming acoustic speech.

23. (Amended) The method according to claim 17 further comprising a step of utilizing the cluster-specific modified speech recognition system during the first remote session with the speaker.

27. (Deleted)

32. (Amended) A method of adapting a speech recognition system, wherein the method comprises steps of:

- a. obtaining an identification of each of a plurality of speakers during a corresponding first remote session with each speaker;
- [a.] b. obtaining a sample of speech made by each of [a] the plurality of speakers during a corresponding first remote session with each speaker;
- [b.] c. recognizing speech made by each speaker during the corresponding first remote session utilizing the speech recognition system configured to be speaker-independent;
- [c.] d. modifying the speech recognition system according to the sample from each speaker thereby forming a speaker-specific modified speech recognition system corresponding to each speaker;
- [d.] e. storing a representation of the speaker-specific modified speech recognition system corresponding to each speaker in association with [an] the identification of the corresponding speaker; and
- [e.] f. using the representation of the speaker-specific modified speech recognition system corresponding to a speaker to recognize speech during a subsequent remote session with the speaker.

35. (Amended) The method according to claim 32 wherein the step of modifying the speech recognition system comprises a step of modifying an acoustic model thereby forming a speaker-specific modified acoustic model corresponding to each speaker and wherein the step of storing a representation of the modified speech recognition system comprises a step of storing a representation of the modified acoustic model corresponding to each speaker.

36. (Amended) The method according to claim 35 wherein the representation of the speaker-specific modified acoustic model corresponding to each speaker is a set of statistics

3 which can be utilized to modify a pre-existing acoustic model.

1 37. (Amended) The method according to claim 35 wherein the representation of the
2 speaker-specific modified acoustic model corresponding to each speaker is a set of statistics
3 which can be utilized to modify incoming acoustic speech.

1 38. (Amended) The method according to claim 32 further comprising a step of utilizing
2 the speaker-specific modified speech recognition system corresponding to each speaker during
3 the first remote session with the corresponding speaker.

1 41. (Deleted)

1 42. (Amended) The method according to claim [41] 32 further comprising a step of
2 authenticating each speaker's identification by the speaker's speech.

1 46. (Amended) The method according to claim 32 further comprising a step of deleting the
2 representation of [a] the speaker-specific modified speech recognition system corresponding to a
3 speaker.

1 47. (Amended) The method according to claim 46 wherein the step of deleting the
2 representation of [a] the speaker-specific modified speech recognition system corresponding to a
3 speaker is performed when a predetermined period of time has elapsed since the corresponding
4 speaker last engaged in a remote session.